

SEQUENCE LISTING

<110> Role, Lorna W.
Talmage, David
Bao, Jianxin

<120> A-FORM OF CYTOPLASMIC DOMAIN OF nARIA (CRD-NEUREGULIN
AND USES THEREOF

<130> 0575/59360

<140> 09/312,596

<141> 1999-05-14

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<170> PatentIn Ver. 2.1

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<212> DNA

<213> CHICKEN nARIA

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Trp Ala Ile Gly Ser Leu Asn Pro Val Asn Leu Phe Ala Ala Arg Gly

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55

60

Cys Leu Ser Pro Arg Pro Pro Ser Pro Cys Phe Val Leu Phe Arg Leu
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Leu Ser Gly Gly Arg Ser Phe Pro Gln Ser Glu Glu Leu Glu Leu Leu
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Glu Arg Arg Ile Arg Asn Tyr Lys Ser Gly Gln Glu Thr Arg Ala Gln
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Gly Leu Gly Gln Gly Ala Gly Gly Leu Leu Phe Pro Val Arg Ser Ser
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Ser Pro Ser Ser Asp Asp Val Ala Val Ser Asp Leu Ser Leu Thr Pro
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Ala Leu Xaa Phe Leu Leu Ser Ala Val Thr Val Thr Pro Ser Leu Ser
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Val Cys Val Ser Gln Xaa Trp Thr Val Ile Glu Leu Arg Pro Phe Gly
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Gly Glu Leu Cys His Ser Xaa Cys Leu Asn Met Ser Glu Val Gly Thr
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Gly Gly Leu Pro Ala Glu Glu Asn Met Pro Gly Pro His Arg Glu Asp
225 230 235 240

Ser Arg Val Pro Gly Val Ala Gly Leu Ala Ser Thr Cys Cys Val Cys
245 250 255

Leu Glu Ala Glu Arg Leu Lys Gly Cys Leu Asn Ser Glu Lys Ile Cys
260 265 270

Ile Ala Pro Ile Leu Ala Cys Leu Leu Ser Leu Cys Leu Cys Ile Ala
275 280 285

Gly Leu Lys Trp Val Phe Val Asp Lys Ile Phe Glu Tyr Asp Ser Pro
290 295 300

Thr His Leu Asp Pro Gly Arg Ile Gly Gln Asp Pro Arg Ser Thr Val

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Pro	Phe	Pro	Ile	Pro	Ser	Leu	Glu	Ser	Lys	Ala	Glu	Val	Thr	Val	Gln
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Thr	Asp	Ser	Ser	Leu	Val	Pro	Ser	Arg	Pro	Phe	Leu	Gln	Pro	Ser	Leu
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Tyr	Asn	Arg	Ile	Leu	Asp	Val	Gly	Leu	Trp	Ser	Ser	Ala	Thr	Pro	Ser
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Leu	Ser	Pro	Ser	Ser	Leu	Glu	Pro	Thr	Thr	Ala	Ser	Gln	Ala	Gln	Ala
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Cys	Gln	Asn	Tyr	Val	Met	Ala	Ser	Phe	Tyr	Lys	His	Leu	Gly	Ile	Glu
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Phe	Met	Glu	Ala	Glu	Glu	Leu	Tyr	Gln	Lys	Arg	Val	Leu	Thr	Ile	Thr
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Tyr	Cys	Lys	Thr	Lys	Lys	Gln	Arg	Lys	Lys	Leu	His	Asp	Arg	Leu	Arg
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B1
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565

570

575

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Ser Met Thr Val Thr Gln Thr Pro Ser His Ser Trp Ser Asn Gly His
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610 615 620

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625 630 635 640

Asn Gly Ile Gly Gly Pro Arg Glu Gly Asn Ser Phe Leu Arg His Ala
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Arg Glu Thr Pro Asp Ser Tyr Arg Asp Ser Pro His Ser Glu Arg Tyr
660 665 670

Val Ser Ala Met Thr Thr Pro Ala Arg Met Ser Pro Val Asp Phe His
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690 695 700

Ser Ser Leu Thr Ile Ser Ile Pro Ser Val Ala Val Ser Pro Phe Met
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Asp Glu Glu Arg Pro Leu Leu Leu Val Thr Pro Pro Arg Leu Arg Glu
725 730 735

Lys Tyr Asp Asn His Leu Gln Gln Phe Asn Ser Phe His Asn Asn Pro
740 745 750

Thr His Glu Ser Asn Ser Leu Pro Pro Ser Pro Leu Arg Ile Val Glu
755 760 765

Asp Glu Glu Tyr Glu Thr Thr Gln Glu Tyr Glu Pro Ala Gln Glu Pro
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Pro Lys Lys Leu Thr Asn Ser Arg Arg Val Lys Arg Thr Lys Pro Asn
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Gly His Ile Ser Ser Arg Val Glu Val Asp Ser Asp Thr Ser Ser Gln
805 810 815

Ser Thr Ser Ser Glu Ser Glu Thr Glu Asp Glu Arg Ile Gly Glu Asp

B1
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B1
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Ala Gly Glu Ser Ile Arg Ile Xaa Lys Arg His Leu Gln Xaa Ala Tyr
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Cys Xaa Glu Arg Ser Arg Asp Ile Leu Phe His Gln Ser Leu Tyr Phe
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His Ser Pro Ser Leu His Tyr Cys His Pro Asp Ser Xaa Pro Gln Leu
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Arg Asp Val Ile Arg Arg Lys Gln Xaa Ala Gln Gln Pro Asn Trp Gly
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3'
concluded